

Asst. Prof. OJONUGWA USMAN

Personal Information

Mobile Phone: [+90 507 405 9770](tel:+905074059770)

Email: ousman@ticaret.edu.tr

Web: <https://avesis.ticaret.edu.tr/ousman>

International Researcher IDs

ORCID: 0000-0002-6459-9898

Publons / Web Of Science ResearcherID: ABE-6939-2020

ScopusID: 57205186926

Yoksis Researcher ID: 373948

Education Information

Doctorate, Doğu Akdeniz Üniversitesi, İşletme Ve Ekonomi Fakültesi, Ekonomi Bölümü, Turkey 2015 - 2019

Postgraduate, Social Sciences, Economics, Nigeria 2010 - 2013

Undergraduate, Education, Economics, Nigeria 2003 - 2007

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Exchange Rate and Oil Price Pass-Through in Emerging Market Economies, Eastern Mediterranean University, Business and Economics, Economics, 2019

Postgraduate, Foreign Direct Investment and Economic Growth in Nigeria: (1961-2010) , Social Sciences, Department, 2012

Research Areas

Social Sciences and Humanities, Sociology, Agricultural Sciences, Agriculture, Farm Machinery, Energy in Agriculture, Biofuels Technology, Environmental Engineering, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of exchange rate uncertainty, energy prices and sectoral spending on agriculture value added, household consumption, and domestic investment**
Iorember P. T., Mohamed Yusoff N. Y., Abachi P. T., USMAN O., Alola A. A.
Heliyon, vol.10, no.9, 2024 (SCI-Expanded)
- II. **Global evidence of multi-dimensional asymmetric effect of energy storage innovations on environmental quality: Delineating the role of natural resources, nuclear energy and oil consumption**

USMAN O., Ozkan O., Ike G. N.

Journal of Cleaner Production, vol.451, 2024 (SCI-Expanded)

- III. **Assessing the impact of resource efficiency, renewable energy R&D spending, and green technologies on environmental sustainability in Germany: Evidence from a Wavelet Quantile-on-Quantile Regression**
Ozkan O., Eweade B. S., USMAN O.
Journal of Cleaner Production, vol.450, 2024 (SCI-Expanded)
- IV. **Role of household energy efficiency in shaping policy directives toward clean electricity transition in the United States: A nonparametric multivariate QQR approach**
USMAN O., Nwani C., Ozkan O.
Sustainable Energy Technologies and Assessments, vol.64, 2024 (SCI-Expanded)
- V. **Energy security-related risks and the quest to attain USA's net-zero emissions targets by 2050: a dynamic ARDL simulations modeling approach**
USMAN O., Ozkan O., Alola A. A., Ghardallou W.
Environmental Science and Pollution Research, vol.31, no.12, pp.18797-18812, 2024 (SCI-Expanded)
- VI. **Dampening energy security-related uncertainties in the United States: The role of green energy-technology investment and operation of transnational corporations**
USMAN O., Iorember P. T., Ozkan O., Alola A. A.
Energy, vol.289, 2024 (SCI-Expanded)
- VII. **On the connectedness of commodity markets: A critical and selective survey of empirical studies and bibliometric analysis**
Balcilar M., USMAN O., Agan B.
Journal of Economic Surveys, vol.38, no.1, pp.97-136, 2024 (SSCI)
- VIII. **House price connectedness and consumer sentiment in an era of destabilizing macroeconomic conditions: Empirical evidence from Türkiye**
Balcilar M., USMAN O., Yülek M., Ağan B., Erdal B.
Borsa Istanbul Review, vol.24, no.1, pp.14-34, 2024 (SSCI)
- IX. **Analysing the nexus between clean energy expansion, natural resource extraction, and load capacity factor in China: a step towards achieving COP27 targets**
USMAN O., Ozkan O., Adeshola I., Eweade B. S.
Environment, Development and Sustainability, 2024 (SCI-Expanded)
- X. **Material productivity and material intensity as drivers of environmental sustainability in G-7 economies**
ÇELİK A., USMAN O., Alola A. A.
International Journal of Sustainable Development and World Ecology, vol.31, no.1, pp.43-56, 2024 (SCI-Expanded)
- XI. **Foreign direct investment and ecological efficiency in Pakistan: a new perspective on the pollution haven hypothesis**
Özkan O., OLASEHINDE WILLIAMS G. O., USMAN O.
International Journal of Environmental Science and Technology, 2024 (SCI-Expanded)
- XII. **Socioeconomic shocks, social protection and household food security amidst COVID-19 pandemic in Africa's largest economy**
Osabohien R. A., Jaaffar A. H., Ibrahim J., USMAN O., Igharo A. E., Oyekanmi A. A.
PLoS ONE, vol.19, no.1 January, 2024 (SCI-Expanded)
- XIII. **Modelling the air pollution induced health effects of energy consumption across varied spaces in OECD countries: An asymmetric analysis**
Ike G. N., Obieri O. C., USMAN O.
Journal of Environmental Management, vol.349, 2024 (SCI-Expanded)
- XIV. **Tourism development and U.S energy security risks: a KRLS machine learning approach**
Balcilar M., USMAN O., Özkan O.
Current Issues in Tourism, vol.27, no.1, pp.37-44, 2024 (SSCI)
- XV. **Inbound tourism demand elasticities of MENA countries: the role of internal and external conflicts**

USMAN O., Alola A. A., Ike G.

International Journal of Emerging Markets, vol.18, no.10, pp.4690-4706, 2023 (SSCI)

- XVI. **Moving towards the path of environmental sustainability in Developing-8 countries: investigating the role of country's reputation in mitigating environmental externalities**
Adikpo J. A., USMAN O.
Environmental Science and Pollution Research, vol.30, no.50, pp.109784-109799, 2023 (SCI-Expanded)
- XVII. **Towards low carbon and sustainable environment: does income inequality mitigate ecological footprints in Sub-Saharan Africa?**
Gimba O. J., Alhassan A., Ozdeser H., Ghardallou W., Seraj M., USMAN O.
Environment, Development and Sustainability, vol.25, no.9, pp.10425-10445, 2023 (SCI-Expanded)
- XVIII. **Reconsidering the environmental Kuznets curve, pollution haven, and pollution halo hypotheses with carbon efficiency in China: A dynamic ARDL simulations approach**
Ozkan O., Coban M. N., Iortile I. B., USMAN O.
Environmental Science and Pollution Research, vol.30, no.26, pp.68163-68176, 2023 (SCI-Expanded)
- XIX. **Technological pathways to decarbonisation and the role of renewable energy: A study of European countries using consumption-based metrics**
Nwani C., USMAN O., Okere K. I., BEKUN F. V.
Resources Policy, vol.83, 2023 (SSCI)
- XX. **Investigating the nexus between economic complexity and energy-related environmental risks in the USA: Empirical evidence from a novel multivariate quantile-on-quantile regression**
Ozkan O., Haruna R. A., ALOLA A. A., Ghardallou W., USMAN O.
Structural Change and Economic Dynamics, vol.65, pp.382-392, 2023 (SSCI)
- XXI. **Asymmetric effect of environmental cost of forest rents in the Guinean forest-savanna mosaic: The Nigerian experience**
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- XXII. **Investing green for sustainable development without ditching economic growth**
Balcilar M., USMAN O., Ike G. N.
Sustainable Development, vol.31, no.2, pp.728-743, 2023 (SSCI)
- XXIII. **Examining crude oil price outlook amidst substitute energy price and household energy expenditure in the USA: A novel nonparametric multivariate QQR approach**
Alola A. A., Özkan O., USMAN O.
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- XXIV. **Role of Non-Renewable Energy Efficiency and Renewable Energy in Driving Environmental Sustainability in India: Evidence from the Load Capacity Factor Hypothesis**
Alola A. A., Özkan O., USMAN O.
Energies, vol.16, no.6, 2023 (SCI-Expanded)
- XXV. **Operational behaviours of multinational corporations, renewable energy transition, and environmental sustainability in Africa: Does the level of natural resource rents matter?**
Balcilar M., USMAN O., Ike G. N.
Resources Policy, vol.81, 2023 (SSCI)
- XXVI. **Renewable energy and CO2 emissions in G7 countries: does the level of expenditure on green energy technologies matter?**
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Environmental Science and Pollution Research, vol.30, no.10, pp.26050-26062, 2023 (SCI-Expanded)
- XXVII. **Are impacts of renewable energy and globalization on carbon neutrality targets asymmetric in South Africa? A reconsideration using nonlinear ARDL approach**
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Environmental Science and Pollution Research, vol.30, no.9, pp.23736-23746, 2023 (SCI-Expanded)
- XXVIII. **Oil price movements and agricultural production from heterogeneous sub-sectors: Analysing the Dutch disease in an African resource-rich economy**

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Natural Resources Forum, 2023 (SCI-Expanded)

- XXIX. **MODELING THE ASYMMETRIC EFFECTS OF EXCHANGE RATE, FINANCIAL DEVELOPMENT, AND OIL PRICES ON ECONOMIC GROWTH**
Appiah M., Gyamfi B. A., USMAN O., BEKUN F. V.
Singapore Economic Review, 2023 (SSCI)
- XXX. **Digitalization and the environment: The role of information and communication technology and environmental taxes in European countries**
Adeshola I., USMAN O., Agoyi M., Awosusi A. A., Adebayo T. S.
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- XXXI. **How do environmental taxes influence the effect of tourism on environmental performance? Evidence from EU countries**
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- XXXII. **Examining the Interaction Effect of Control of Corruption and Income Level on Environmental Quality in Africa**
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Sustainability (Switzerland), vol.14, no.18, 2022 (SCI-Expanded)
- XXXIII. **Modelling the economic and social issues related to environmental quality in Nigeria: the role of economic growth and internal conflict**
USMAN O.
Environmental Science and Pollution Research, vol.29, no.26, pp.39209-39227, 2022 (SCI-Expanded)
- XXXIV. **A path towards carbon mitigation amidst economic policy uncertainty in BRICS: an advanced panel analysis**
Ali S., Jiang J., Ahmad M., USMAN O., Ahmed Z.
Environmental Science and Pollution Research, vol.29, 2022 (SCI-Expanded)
- XXXV. **Effects of domestic material consumption, renewable energy, and financial development on environmental sustainability in the EU-28: Evidence from a GMM panel-VAR**
USMAN O., Alola A. A., Akadiri S. S.
Renewable Energy, vol.184, pp.239-251, 2022 (SCI-Expanded)
- XXXVI. **Impact of international trade, energy consumption and income on environmental degradation in Africa's OPEC member countries**
Iorember P. T., Gbaka S., Jelilov G., Alymkulova N., USMAN O.
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- XXXVII. **Conflicts and ecological footprint in MENA countries: implications for sustainable terrestrial ecosystem**
USMAN O., Rafindadi A. A., Sarkodie S. A.
Environmental Science and Pollution Research, vol.28, no.42, pp.59988-59999, 2021 (SCI-Expanded)
- XXXVIII. **Modelling the effect of energy consumption on different environmental indicators in the United States: The role of financial development and renewable energy innovations**
USMAN O., Alola A. A., Ike G. N.
Natural Resources Forum, vol.45, no.4, pp.441-463, 2021 (SCI-Expanded)
- XXXIX. **Effects of tourism, financial development, and renewable energy on environmental performance in EU-28: does institutional quality matter?**
Musa M. S., Jelilov G., Iorember P. T., USMAN O.
Environmental Science and Pollution Research, vol.28, no.38, pp.53328-53339, 2021 (SCI-Expanded)
- XL. **Role of global, regional, and advanced market economic policy uncertainty on bond spreads in emerging markets**
Balcilar M., USMAN O., Gungor H., Roubaud D., Wohar M. E.
Economic Modelling, vol.102, 2021 (SSCI)
- XLI. **Exchange rate and oil price pass-through in the BRICS countries: Evidence from the spillover index**

and rolling-sample analysis

Balcilar M., USMAN O.

Energy, vol.229, 2021 (SCI-Expanded)

- XLII. **Moving out of the linear rut: A period-specific and regime-dependent exchange rate and oil price pass-through in the BRICS countries**
Balcilar M., Roubaud D., USMAN O., Wohar M. E.
Energy Economics, vol.98, 2021 (SSCI)
- XLIII. **Testing the environmental Kuznets curve with structural breaks: the role of globalization, energy use, and regulatory quality in South Africa**
Güngör H., Abu-Goodman M., Olanipekun I. O., USMAN O.
Environmental Science and Pollution Research, vol.28, no.16, pp.20772-20783, 2021 (SCI-Expanded)
- XLIV. **Domestic material consumption and greenhouse gas emissions in the EU-28 countries: Implications for environmental sustainability targets**
Alola A. A., Akadiri S. S., USMAN O.
Sustainable Development, vol.29, no.2, pp.388-397, 2021 (SSCI)
- XLV. **The influence of renewable energy use, human capital, and trade on environmental quality in South Africa: multiple structural breaks cointegration approach**
Iorember P. T., Jelilov G., USMAN O., Işık A., Celik B.
Environmental Science and Pollution Research, vol.28, no.11, pp.13162-13174, 2021 (SCI-Expanded)
- XLVI. **Modeling the Effects of Agricultural Innovation and Biocapacity on Carbon Dioxide Emissions in an Agrarian-Based Economy: Evidence From the Dynamic ARDL Simulations**
Ali A., Usman M., USMAN O., Sarkodie S. A.
Frontiers in Energy Research, vol.8, 2021 (SCI-Expanded)
- XLVII. **Energy mix outlook and the EKC hypothesis in BRICS countries: a perspective of economic freedom vs. economic growth**
Akadiri S. S., Alola A. A., USMAN O.
Environmental Science and Pollution Research, vol.28, no.7, pp.8922-8926, 2021 (SCI-Expanded)
- XLVIII. **Toward sustainable electricity consumption in Brazil: the role of economic growth, globalization and ecological footprint using a nonlinear ARDL approach**
Rafindadi A. A., USMAN O.
Journal of Environmental Planning and Management, vol.64, no.5, pp.905-929, 2021 (SSCI)
- XLIX. **Testing the environmental Kuznets curve hypothesis: the role of energy consumption and democratic accountability**
Güngör H., Olanipekun I. O., USMAN O.
Environmental Science and Pollution Research, vol.28, no.2, pp.1464-1478, 2021 (SCI-Expanded)
- L. **Testing the asymmetric effects of exchange rate pass-through in BRICS countries: Does the state of the economy matter?**
Balcilar M., Roubaud D., USMAN O., Wohar M. E.
World Economy, vol.44, no.1, pp.188-233, 2021 (SSCI)
- LI. **Democracy and tourism demand in European countries: does environmental performance matter?**
USMAN O., BEKUN F. V., Ike G. N.
Environmental Science and Pollution Research, vol.27, no.30, pp.38353-38359, 2020 (SCI-Expanded)
- LII. **Environmental performance and tourism development in EU-28 Countries: the role of institutional quality**
USMAN O., Elsalih O., Koshadh O.
Current Issues in Tourism, vol.23, no.17, pp.2103-2108, 2020 (SSCI)
- LIII. **Role of renewable energy and globalization on ecological footprint in the USA: implications for environmental sustainability**
USMAN O., Akadiri S. S., Adeshola I.
Environmental Science and Pollution Research, vol.27, no.24, pp.30681-30693, 2020 (SCI-Expanded)
- LIV. **Environmental quality effects of income, energy prices and trade: The role of renewable energy**

consumption in G-7 countries

Ike G. N., USMAN O., Alola A. A., Sarkodie S. A.

Science of the Total Environment, vol.721, 2020 (SCI-Expanded)

- LV. **Assessment of the role of renewable energy consumption and trade policy on environmental degradation using innovation accounting: Evidence from the US**
USMAN O., Alola A. A., Sarkodie S. A.
Renewable Energy, vol.150, pp.266-277, 2020 (SCI-Expanded)
- LVI. **Enhancing sustainable electricity consumption in a large ecological reserve-based country: the role of democracy, ecological footprint, economic growth, and globalisation in Brazil**
USMAN O., Iortile I. B., Ike G. N.
Environmental Science and Pollution Research, vol.27, no.12, pp.13370-13383, 2020 (SCI-Expanded)
- LVII. **Testing the role of oil production in the environmental Kuznets curve of oil producing countries: New insights from Method of Moments Quantile Regression**
Ike G. N., USMAN O., Sarkodie S. A.
Science of the Total Environment, vol.711, 2020 (SCI-Expanded)
- LVIII. **Modelling environmental degradation in South Africa: the effects of energy consumption, democracy, and globalization using innovation accounting tests**
USMAN O., Olanipekun I. O., Iorember P. T., Abu-Goodman M.
Environmental Science and Pollution Research, vol.27, no.8, pp.8334-8349, 2020 (SCI-Expanded)
- LIX. **Fiscal policy and CO2 emissions from heterogeneous fuel sources in Thailand: Evidence from multiple structural breaks cointegration test**
Ike G. N., USMAN O., Sarkodie S. A.
Science of the Total Environment, vol.702, 2020 (SCI-Expanded)
- LX. **The long-run and short-run exchange rate pass-through during the period of economic reforms in Nigeria: Is it complete or incomplete?**
Balcilar M., USMAN O., Musa M. S.
Romanian Journal of Economic Forecasting, vol.23, no.1, pp.151-172, 2020 (SSCI)
- LXI. **Globalization, energy use, and environmental degradation in South Africa: Startling empirical evidence from the Maki-cointegration test**
Rafindadi A. A., USMAN O.
Journal of Environmental Management, vol.244, pp.265-275, 2019 (SCI-Expanded)
- LXII. **Revisiting the environmental kuznets curve (EKC) hypothesis in india: The effects of energy consumption and democracy**
USMAN O., Iorember P. T., Olanipekun I. O.
Environmental Science and Pollution Research, vol.26, no.13, pp.13390-13400, 2019 (SCI-Expanded)
- LXIII. **Revisiting the Exchange Rate Pass-Through to Inflation in Africa's Two Largest Economies: Nigeria and South Africa**
Balcilar M., USMAN O., Agbede E. A.
African Development Review, vol.31, no.2, pp.245-257, 2019 (SSCI)

Articles Published in Other Journals

- I. **The making-or-breaking of material and resource efficiency in the Nordics**
Alola A. A., ÇELİK A., Obekpa H. O., USMAN O., Echebiri C.
Cleaner and Responsible Consumption, vol.11, 2023 (Scopus)
- II. **Symmetric and asymmetric GARCH estimations of the impact of oil price uncertainty on output growth: evidence from the G7**
Alao R. O., Alhassan A., Alao S., Olanipekun I. O., Olasehinde-Williams G. O., USMAN O.
Letters in Spatial and Resource Sciences, vol.16, no.1, 2023 (ESCI)
- III. **Is pass-through of the exchange rate to restaurant and hotel prices asymmetric in the US? Role of**

monetary policy uncertainty

Alola U. V., Usman O., Alola A. A.

FINANCIAL INNOVATION, vol.9, no.1, 2023 (Scopus)

- IV. **Economic development and energy consumption in Saudi Arabian economy: do globalization, financial development and capital accumulation matter?**
Rafindadi A. A., Isah A. B., USMAN O.
International Journal of Energy Sector Management, 2023 (ESCI)
- V. **Revisiting the electricity consumption-led growth hypothesis: is the rule defied in France?**
Rafindadi A. A., Aliyu I. B., USMAN O.
Journal of Economic Structures, vol.11, no.1, 2022 (Scopus)
- VI. **An examination of the pass-through of disaggregated energy prices to real house price: Evidence from the United States**
UZUNER G., USMAN O., Alola A. A.
Journal of Public Affairs, vol.22, no.4, 2022 (ESCI)
- VII. **Towards mitigating ecological degradation in G-7 countries: accounting for economic effect dynamics, renewable energy consumption, and innovation**
USMAN O., Iorember P. T., Jelilov G., Isik A., Ike G. N., Sarkodie S. A.
Heliyon, vol.7, no.12, 2021 (ESCI)
- VIII. **Exchange rate pass-through to restaurant and hotel prices in the United States: The role of energy prices and tourism development**
USMAN O., Iorember P. T., Jelilov G.
Journal of Public Affairs, vol.21, no.2, 2021 (ESCI)
- IX. **Does the pass-through of exchange rate and globalization validate the rockets and feathers hypothesis in Nigeria? Evidence from a nonlinear model**
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- X. **Testing the nexus between stock market returns and inflation in Nigeria: Does the effect of COVID-19 pandemic matter?**
Jelilov G., Iorember P. T., USMAN O., Yua P. M.
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- XI. **Impact assessment of trade on environmental performance: accounting for the role of government integrity and economic development in 79 countries**
Alhassan A., USMAN O., Ike G. N., Sarkodie S. A.
Heliyon, vol.6, no.9, 2020 (ESCI)
- XII. **An investigation of the post-privatization firms' financial performance in Nigeria: the role of corporate governance practices**
USMAN O., Yakubu U. A.
Corporate Governance (Bingley), vol.19, no.3, pp.404-418, 2019 (Scopus)
- XIII. **Testing the effects of real exchange rate pass-through to unemployment in Brazil**
USMAN O., Elsalih O. M.
Economies, vol.6, no.3, 2018 (Scopus)